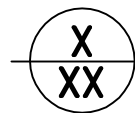


NOTES:

1. INSTALL INSULATED FLANGE OR UNION ON THE FIRST FLANGE OR UNION ABOVE GRADE. WHERE THERE IS NO ABOVE GRADE FLANGE OR UNION BEFORE ENTERING THE WALL, CUT IN A NEW INSULATING JOINT.
2. BOND ALL UNDERGROUND METAL PIPE AND FITTINGS TOGETHER.
3. WRAP ALL DUCTILE IRON PIPE WITH 8-MIL POLYETHYLENE PER AWWA C105.
4. IN BUILDINGS SUCH AS B62 & B66 WHERE THE RISER ENTERING THE BUILDING IS BELOW GRADE, INSTALL THE INSULATED FLANGE OR UNION ON THE FIRST FLANGE OR UNION INSIDE THE BUILDING WHERE IT PENETRATES THE WALL. WHERE THERE IS NO FLANGE OR UNION AFTER PENETRATING THE WALL AND BEFORE IT CONTACTS METALLIC STRUCTURES INSIDE THE BUILDING, CUT IN A NEW INSULATING JOINT.

**ISOLATION FOR NEW FIRE SERVICE
RISER WALL PENETRATION DETAIL**

SCALE: NONE



**LBNL STANDARD
ISOLATION FOR NEW FIRE SERVICE
RISER WALL PENETRATION DETAIL**

UNIVERSITY OF CALIFORNIA LAWRENCE BERKELEY NATIONAL LABORATORY
FACILITIES DIVISION

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